

# LOS ANGELES RIVER



WATERSHED MANAGEMENT COMMITTEE

**August 2012**

## The Los Angeles River Watershed Management Committee Annual Assessment 2011-2012

**Submitted to:**

**The Regional Water Quality Control Board,  
Los Angeles Region**

**Prepared by:**

***The Los Angeles River  
Watershed Permittees***

**Respectfully Submitted**

***John L. Hunter***

***Chair, Los Angeles River Watershed Management Committee***

ALHAMBRA

ARCADIA

BELL

BELLGARDENS

BURBANK

COMMERCE

COMPTON

CUDAHY

EL MONTE

GLENDALE

HIDDEN HILLS

HUNTINGTON PARK

LA CANADA FLINTRIDGE

LOS ANGELES - CITY

LOS ANGELES FLOOD CONTROL

LOS ANGELES - COUNTY

LYNWOOD

MAYWOOD

MONROVIA

MONTEBELLO

MONTEREY PARK

PARAMOUNT

PASADENA

ROSEMEAD

SAN FERNANDO

SAN GABRIEL

SAN MARINO

SIGNAL HILL

SOUTH EL MONTE

SOUTH GATE

SOUTH PASADENA

TEMPLE CITY

VERNON

**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**

**Introduction:**

The NPDES Municipal Storm Water and Urban Runoff Permit (Order 01-182) requires that an annual watershed-wide assessment be conducted by each Watershed Management Committee. This assessment is to be incorporated into the Unified Annual Report covering the period July 1 through June 30 of each year which is to be submitted to the Los Angeles Regional Water Quality Control Board no later than October 15 of each year.

The overall assessment of effectiveness includes:

- a) Summary of common activities conducted by all permittees;
- b) WMA BMP implementation;
- c) Identification of management measures proven to be effective and/or ineffective at reducing urban runoff pollutants and flow;
- d) Permittee level of effort, as indicated in their Individual Annual Report self evaluations; and
- e) Integrated summary of Monitoring Program Results.

This assessment addresses items a, b and c above. Item d is included in the individual annual reports. Item e is addressed by the Monitoring Report being prepared by the Principle Permittees. This assessment is based upon the information submitted by the individual municipal permittees of the Los Angeles River Watershed specifically for this assessment between July 1, 2011 and June 30, 2012.

**II. Summary of Common Activities**

Permittees of the Los Angeles River watershed continue to implement a wide variety of BMPs in accordance with the Stormwater Quality Management Program (SQMP). These include:

Active participation in the Watershed and EAC meetings;  
Adoption of adequate legal authority;  
Implementation of BMPs specifically for “Pollutants of Concern”;  
Employee Training;  
Erosion control BMPs at construction sites;  
Street Sweeping;  
Continued cleanout of catch basins on a regular basis;  
Screening or cleaning of catch basins during and immediately after major events;  
Illegal connection and illicit discharge control; and  
Critical source inspections

While these activities are more fully detailed within the individual annual reports, individual permittees highlights include:

The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012



# City of Arcadia

*The City of Arcadia continues to implement the programs that are aimed to improve and protect water quality. Below highlights some of the City's accomplishments during the reporting year:*

- City staff is actively involved with the Los Angeles Permit Group (LAPG), a consortium of municipalities, to develop a new NPDES Permit that aims to integrate protection of water quality in a cost-effective and science-based manner
- The City participates with neighboring cities in a regional media campaign to promote stormwater pollution prevention.
- The City partners with the Los Angeles County Department of Public Works and Los Angeles County Sanitation Districts to host the annual Los Angeles County Household Hazardous Waste (HHW) and E-Waste roundup in the City of Arcadia.
- City staff routinely provides articles on stormwater pollution and other environmental programs on the City's newsletter, website and other City publications. City staff also participates in numerous community events to promote ongoing environmental programs including Concerts in the Park, the Los Angeles County Environmental Fair and the Upper San Gabriel Water Municipal District's Water Festival.



- The City of Arcadia actively participates in the Los Angeles River Metals TMDL Reach 2 Implementation Plan Technical Committee.
- The City of Arcadia has completed the installation of 261 certified full capture catch basin devices including curb screens at City-owned catch basins throughout the City.
- The City has an aggressive street sweeping program - commercial and high priority areas are swept twice a week and residential areas are swept weekly. Catch basins are routinely cleaned based on a cleaning schedule. The City encourages residents to help keep the streets free from trash by reminding them to recycle and not litter.



**The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012**



## City of Alhambra

The City of Alhambra is dedicated to providing public outreach to its residents, which improves community awareness and encourages positive stormwater pollution prevention practices. These efforts include community outreach events, business inspection program, illicit discharge and illicit connection identification and elimination, implementation of source control best management practices (BMPs), and installation of structural BMPs. Each Department within the City has integrated appropriate BMPs into their ongoing activities to ensure that stormwater pollution prevention techniques become part of routine work practices. Compliance with all components of the NPDES MS4 permit, including ongoing TMDL implementation requirements, is an essential part of Alhambra's attempt at reducing the amount of pollutants discharged to the MS4.

- Conducted stormwater compliance inspections at new and existing businesses.
- Inspected and cleaned structural BMPs quarterly ; 104 full capture catch basin connector pipe screens, six filter basket inserts, three grate inlet skimmer boxes, 13 automated curb inlet trash screens, and one sock filter. Catch basins that do not have devices are cleaned annually.
- One City employee is designated to manually sweep the downtown area, which contain high volumes of trash, and maintain transit stops.
- Performed routine inspections at the Municipal Yard and instituted a quarterly Yard Clean Up Day with participation by all Departments that utilize the Municipal Yard.
- Reports of illicit discharges and sanitary sewer overflows are promptly investigated, verified, corrected if required, and documented.



**Public Education and Outreach program activities included:**

- The City hosted its Third Annual Eco Fair, which promoted environmental awareness and conservation. Stormwater pollution prevention materials were distributed at this event.
- Participation in six community events, including one Elementary school presentation and three enviroscape demonstrations at three City parks during the summer lunch program.
- The Annual Drinking Water Quality Report contained a section on stormwater pollution prevention techniques.
- A stormwater pollution prevention article was published in Around Alhambra, a monthly local newspaper.
- The City's website contains stormwater pollution prevention information.
- Educational brochures/tip cards are made available at the Library, City Hall, Community Center, and the Customer Service Center.



# City of Bell Gardens



***In an effort to reduce the negative impacts that can occur with storm water pollution, the City of Bell Gardens has implemented several programs and policies to improve the quality and reduce the quantity of storm water runoff that enters the storm drain system within the City.***

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▪ The City continues to implement requirements associated under the current and previous NPDES MS4 Permit to successful extent.</li> <li>▪ The City has space set aside in the City Hall lobby and in each department's public counter for storm water pollution prevention literature materials. The public is encouraged to learn about storm water requirements when coming for plan approvals, permit applications, etc. These materials are also provided in Spanish.</li> </ul>   | <ul style="list-style-type: none"> <li>▪ The City has installed full capture devices installed on 94% of their catch basins within the City, as of November of 2011, to ensure that trash doesn't enter into the MS4 system. We have contracted catch basin maintenance services and have since performed three cleanings of about 14 tons of trash and debris collected from the catch basin inserts. We have also recently installed two debris gates on our catch basins. Please see attached before and after pictures of these two debris gates/catch basins.</li> </ul>   |
| <ul style="list-style-type: none"> <li>▪ The City reviews each project to determine the best combination of BMPs that will treat the amount of storm water runoff from the property. Typically, this will mean that the project has a system to remove pollutants from the runoff, or reduce the amount of runoff coming from the property. This includes BMPs for both construction and post-construction phases of development.</li> <li>▪ In order to control the amount of trash that enters the MS4 system, the City has increased the frequency of street sweeping in residential and commercial areas that have been found to produce the highest volumes of trash. These street sweeping efforts have resulted in a dramatic increase in the volume of trash collected off the streets.</li> </ul> | <ul style="list-style-type: none"> <li>▪ The City maintains participation in the Los Angeles River Metals TMDL required Coordinated Monitoring Plan.</li> <li>▪ The City has contributed to the development of the LA River Metals TMDL Implementation Plan for Reach 2 agencies and plans to cooperate with other agencies within the watershed to implement the Implementation Plan.</li> <li>▪ The City supports and plans to contribute to the development of Special Studies in order to further understand the watershed and how storm water affects the water quality of the Los Angeles River and its tributaries.</li> </ul> |
| <ul style="list-style-type: none"> <li>▪ The City will continue to work with other agencies in the watershed on Coordinated Monitoring Plans, TMDL Implementation Plans and multi-agency BMP efforts for all future TMDLs.</li> </ul>  |   |

**The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012**

# City of Burbank



## Individual Accomplishment

The City of Burbank continues to fund a full time Illicit Stormwater Program (ISP) Inspector to respond to any calls regarding possible illegal connections or illegal discharges. Burbank employees have been trained to call this inspector to investigate any possible illegal discharges they encounter when they are driving around the City. The industrial waste discharge inspectors have also coordinated with our ISP Inspector to enforce storm water regulations with industries. Our ISP Inspector has been valuable in increasing public awareness of storm water quality concerns.

Having installed full capture trash excluders and curb screens in all City-owned catch basins to achieve 100 percent trash reduction, the City of Burbank initiated its catch basin maintenance/inspection program (one service event during the dry weather season and two service events during wet weather season). Maintenance includes removal of all trash, debris, organics, etc. accumulated in the catch basin, and inspection includes documenting the condition of the catch basin, the curb screen and the insert screen to make any necessary repairs.

Burbank maintains a weekly street sweeping schedule throughout the City.

Burbank adopted a Water Conservation Ordinance on July 3, 2009, which reduces nuisance dry-weather flows entering the MS4 system.

Burbank participated in the Los Angeles River Metals TMDL Coordinated Monitoring Plan and is still a member of its Technical Committee. Burbank has also been an active participant with the LA Permit Group aiming to establish reasonable requirements in the upcoming Municipal Separate Storm Sewer System Permit.

Catch basins in the City are temporarily blocked during events, such as the Art Festival, where there is an elevated risk of excessive trash entering the storm drains. The City operates aggressive street sweeping and catch basin cleaning activities before and after events.

The City continues to enforce its Industrial Waste Inspection Program to minimize the potential of reclamation plant upset or pass-through, while preventing any unauthorized discharges into the MS4 system.

The City continues to comply with its Sewer System Management Plan, with the goal of reducing the number of sanitary sewer overflows that could potentially enter the storm drain system. The City has greatly reduced the number of sewer overflows in the past years and had only four overflows in this reporting period. Further, the City will be soliciting proposals for design services to upgrade and replace its Beachwood Pump Station and Force Main, respectively. This is a proactive approach to replace significant infrastructure to minimize sanitary sewer overflows to the storm drain system.

Additionally, Burbank is currently requesting proposals for the development of a Phase 1 Storm Water Master Plan. The plan's goals are aimed at replenishing groundwater, less reliance on imported water, reduction of pollution conveyance and nuisance flows to local receiving waterbodies, and an establishment of natural/pervious areas has potential for multi-use (i.e. open space or recreational area during dry season and a recharge system, such as a spreading basin, during wet season).



**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**

# City of Commerce



***The City offers environmental programs and addresses environmental concerns which affect residents and businesses. In pursuit of reducing stormwater pollution, the City offers the following services and programs:***

## **Stormwater Programs/Services**

- Fulltime Environmental Services Manager
- Weekly Citywide street sweeping
- Weekly transit stop trash collection
- Free weekly refuse/recycling services
- Free weekly residential e-waste collection
- Free Annual Spring Clean-up for residents
- Catch-basin cleaning
- Contracted L.A. County Building & Safety services for NPDES/SUSMP review and enforcement and for the City's Industrial Waste Discharge Program and inspections
- Promote L.A. County HHW roundups
- Installed catch basin screens
- Distribute used oil containers with a list of collection centers to residents
- Distribute used oil funnels to residents
- Landscaped parks/median islands with native plants/trees to reduce water usage
- Require 50% construction & demolition recycling for development projects
- Pet waste pick-up stations/signs at parks



## **Public Education Programs**

- Monthly environmental articles in the City's Report to the People, a resident newsletter
- Articles in the bi-annual Focus on Business magazine produced by the Chamber of Commerce
- Annual Garden Show, 4<sup>th</sup> of July Celebration, Earth Day Program, and concerts in the park where public information is provided on environmental issues including storm water pollution prevention
- Distribute various brochures to businesses regarding BMPs, food recycling, hazardous waste management, construction debris management and recycling.
- Distributed a Residential Stormwater brochure through the Neighborhood Watch Program.
- Promotion of permanent HHW S.A.F.E. Centers, L.A. County roundups, local e-waste centers, and battery and tire recyclers
- Adopted a Landscape Water Conservation Ordinance for residents and development projects
- Updated the City's website and expanded its environmental services section.

## **Annual Compliance Reporting**

- Municipal Stormwater Permit No. CAS004001 Report in August
- L.A. River Watershed Management Committee Annual Assessment in August
- L. A. River Metals TMDL CMP Ambient Monitoring submitted in August
- L.A. River Metals TMDL Coordinated Implementation Plan update
- L.A. River Trash TMDL Implementation Plan Annual Report submitted in October

## **Active Participant on Committees/Boards**

- LA Permit Group
- Executive Advisory Committee
- LA River Metals TMDL Reach 2 Technical Committee
- LA River Bacteria TMDL Technical Committee
- LA River Watershed Management Committee
- Gateway Water Management Authority

**The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012**

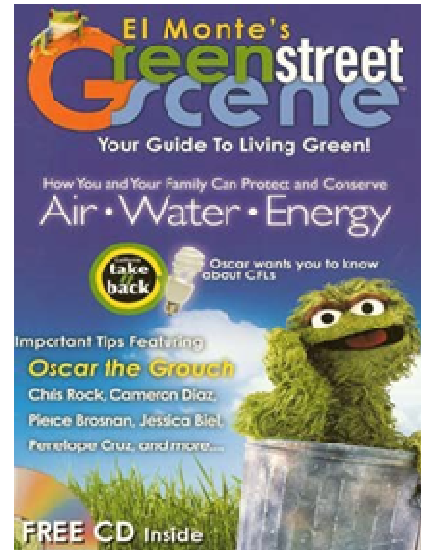
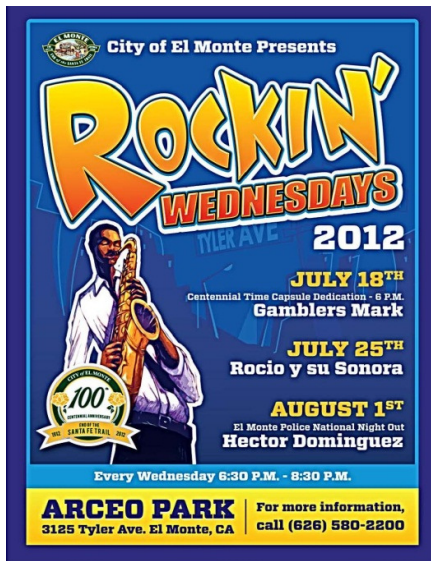


# City of El Monte

The "El Monte Green Street Scene" CD mailed out to all City residents includes a comprehensive, interactive, and easy to use guide on water, energy conservation, and protecting the air.

The City's Public Works Department responds to all illicit discharge complaints in a timely manner. LA County Fire Department is used on all major spills.

Major arterial streets are swept twice a week and residential streets are swept once a week. The County of Los Angeles Public Works Department provides priority A and B catch basin cleaning and the system is equipped with trash excluders or filter baskets. The City has installed the Modular Wetland System - Linear. This system incorporates full capture, screening, hydrodynamic separation, advanced media filtration, bio-retention, and high flow bypass into a modular pre-cast concrete structure.



The "Rockin' Wednesday" summer Concerts at Arceo Park are a great opportunity for staff to enlighten the community on recycling and helping the environment. The City sponsored Earth Day event in April is attended by various members of the community. These events are successful and provide great opportunities for City staff to educate the public.

Greatest Strength: the high level of interdepartmental communication, dedication of city personnel to improve the quality of the environmental, and the professionalism that exists on educating the public on protecting the environment. The City takes a proactive approach to improving the environment.





**The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012**



# City of Glendale



- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>The City renewed its contract with California Highway Adoption Company to clean freeway on/off-ramps within the city limits every two weeks. This program has proven very effective and the City has received numerous compliments from businesses, residents, and city staff regarding the effectiveness of this program.</li> <li>The City is currently in the process of contracting out the installation of 192 full-capture catch-basin outlet screens.</li> <li>The City continues to cleanout the Caltrans-type GSRD full-capture trash excluder in the City's Alma Drain. Over 70 catch basins feed into this channel and, as a result, are in full compliance with the trash TMDL requirements.</li> </ul> | <ul style="list-style-type: none"> <li>The City staffed a storm water pollution education booth at 4 community events and distributed promotional items to educate the public in storm water pollution prevention.</li> <li>Informational inserts about cigarette litter and other litter prevention programs were mailed with utility bills to over 90,000 homes and businesses.</li> <li>The City recently purchased one new street sweeper which is very effective at removing small trash/debris off of city streets and alleys.</li> </ul> |
|--|---|



- "Don't Trash Glendale Campaign": This outreach program includes signs on refuse trucks and buses, informational pamphlets, and signage in English, Spanish, and Armenian. Also, the local cable TV channel, GTV-6, routinely shows public service announcements focusing on storm water pollution prevention.



**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**



# City of Los Angeles

The City of Los Angeles is a member of the Los Angeles River Watershed Management Committee. Los Angeles follows a multifaceted approach to comply with the provisions of the Stormwater NPDES Permit with increased emphasis placed on complying with the newly established as well as the anticipated TMDL standards.

<ul style="list-style-type: none"> <li>• All the Stormwater Program's social media elements experienced growth during this reporting period. The program redesigned and re-launched its web site (<a href="http://www.LAStormwater.org">www.LAStormwater.org</a>) and experienced more than 4 million hits. The LA Stormwater Group on Facebook currently boasts 1,793 fans, and a blog (<a href="http://www.LAStormwater.org/blog">www.LAStormwater.org/blog</a>) receives regular posts from interested stakeholders with the program publishing 87 educational posts. The City's quarterly e-newsletter, entitled LA Stormwater, continues to experience an increase in the number of subscribers. In 2011, the total number of e-newsletter subscribers was 7,279.</li> <li>• During this reporting period, the program presented educational assemblies to 9,669 elementary-aged students at 69 schools. On June 7, 2012, the City co-sponsored the 19<sup>th</sup> annual Kids Ocean Day Beach Clean-Up at Dockweiler Beach with the Malibu Foundation for Environmental Education, Keep Los Angeles Beautiful and the California Coastal Commission. More than 5,000 Los Angeles area students cleaned the beach, collecting several tons of trash and creating a message in the sand (a picture of a shark with the message "Defend the Sea"). Kids Ocean Day received coverage on television, radio, print and online media throughout the world, in the United States, England, Brazil and the Philippines.</li> </ul>	<ul style="list-style-type: none"> <li>• The City installed 1552 new catch basin opening screens to prevent the discharge of trash into the Los Angeles River. The City is already on target of having reached over 90% reduction in trash discharges into the Los Angeles River as required by the Trash TMDL by September 2012.</li> <li>• Beginning in 2004, the City has committed \$173.4 million from the City's Proposition O – Clean Water Bond for 11 projects in the watershed designated to improve water quality as well as provide additional benefits. New projects that were constructed by the end of this reporting period: <ul style="list-style-type: none"> <li>○ Hansen Dam Wetlands Restoration</li> <li>○ South Los Angeles Wetlands Park</li> </ul> Projects in construction at the close of the reporting period: <ul style="list-style-type: none"> <li>○ Albion Dairy Park - Demolition &amp; Remediation</li> <li>○ Echo Park Lake Restoration</li> </ul> Projects in planning/design at the close of the reporting period: <ul style="list-style-type: none"> <li>○ Elmer Avenue Phase II: Elmer Paseo</li> <li>○ Glenoaks/Sunland Stormwater Capture</li> <li>○ Strathern Wetlands Park</li> <li>○ Taylor Yard River Park</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>• The City started working on the Coordinated Monitoring Plan (CMP) submittal for the Los Angeles River Bacteria TMDL, which became effective on March 23, 2012. The CMP submittal may require coordinated effort from the LA River watershed stakeholders. As required in the TMDL, responsible parties shall submit the CMP no later than March 23, 2013 or one year after the effective date of the TMDL. Additionally, six months after the approval of the CMP, responsible parties shall conduct ambient water quality monitoring set forth in the CMP. Other requirements and milestones are listed in Attachment A to Regional Board Resolution R10-017.</li> </ul>	<ul style="list-style-type: none"> <li>• The City continues to pursue grant opportunities and partnerships with non-City agencies to implement "green" infrastructure projects. <ul style="list-style-type: none"> <li>○ The Garvanza Park Best Management Practices Project was awarded \$1 million in grant funding from the State Water Resources Control Board in 2006. The project diverts storm drain flow from a densely developed region of the Arroyo Seco and removes pollutants via a hydrodynamic separator and underground sedimentation basin. The treated water is stored in two underground basins, one to retain the water for use by a subsurface irrigation system and the other to infiltrate the water, with a total</li> </ul> </li> </ul>

**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**

	<p>capacity of approximately 1 million gallons. The City partnered with North East Trees, Inc. to design and construct the project, which was completed in May 2012.</p> <ul style="list-style-type: none"><li>○ The North Atwater Creek Restoration and Water Quality Enhancement project was awarded \$2.25 million in grant funding from the California Department of Water Resources in January 2007. The project restored wetlands to capture and clean stormwater runoff, and provides a link to the Los Angeles River. Construction was completed in April 2012.</li><li>○ The California Department of Conservation executed a grant agreement with the City in June 2012 in the amount of \$271,000 for the South Los Angeles Green Alley Master Plan. The City is partnering with The Trust for Public Land to develop the plan, which will feature improvements to public alleys that will provide park-like amenities as well as water reclamation and treatment elements.</li></ul>
--	--

The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012



# City of Lynwood

The City of Lynwood continues to inform its residents about the concerns related to stormwater pollution prevention. The City provides informational handouts to businesses, residents and the general public identifying the problems we have with stormwater pollution.

In order to continue our efforts in eliminating stormwater pollution, the City purchased a new vector truck that will assist with complying with our Sanitary Sewer Overflow obligations.



The truck is equipped to clean sewer backups, and catch basins. Our City crews have been trained, licensed and certified to operate the vehicle and it is used daily.



## Catch Basin





**The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012**

## WORKING WITH THE COMMUNITY



The City was awarded a grant from AQMD, in the amount of \$59,740. As part of the grant, the City contributed \$25,000 in matching funds to the Tree Planting project. The project encompasses planting 212 trees Citywide through a local youth hiring Program and it started in February 2012 and ended June 2012



Every year, the City participates in the Annual Earth Day Celebration with St. Francis Medical Center. It gives the City an opportunity to provide information regarding recycling, water conservation, proper electronic and hazardous waste disposal, and using environmentally-friendly products.

### NEW POCKET PARKS

The City received grant funds from the Housing and Urban Development and the State Rivers and Mountains Conservancy (RMC) to build four new pocket parks located throughout the City. All of the pocket parks are equipped with eco-friendly material which includes drip irrigation system to conserve water, planted drought tolerant plants and installed benches that are made of recycled material. Below, is a photo of the Camphor Tree Pocket Park located at 4015 Louise Street.



**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**



# City of Montebello

The City of Montebello continues to develop and implement effective stormwater management policies and programs that reduce the discharge of pollutants from the storm drain system to the maximum extent practicable.

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>▪ The City continues to implement requirements associated under the current and previous NPDES MS4 Permit to successful extent.</li><li>▪ The City regularly notifies all schools within its jurisdiction of the County's Environmental Defenders Program and encourages school administrators to take advantage of the resource.</li><li>▪ Materials are made available at the public works and planning counters where general audience BMPs are located along with information regarding development planning and development construction requirements.</li><li>▪ The City reviews each project to determine the best combination of BMPs that will treat the amount of storm water runoff from the property. Typically, this will mean that the project has a system to remove pollutants from the runoff, or reduce the amount of runoff coming from the property. This includes BMPs for both construction and post-construction phases of development.</li></ul> | <ul style="list-style-type: none"><li>▪ The City has installed full capture devices installed in 92% of the catch basins within the City, as of November of 2011, to ensure that trash doesn't enter into the MS4 system. We have been regularly maintaining these catch basin inserts to make sure that they are working in proper order.</li><li>▪ The City maintains participation in the Los Angeles River Metals TMDL required Coordinated Monitoring Plan.</li><li>▪ The City has contributed to the development of the LA River Metals TMDL Implementation Plan for Reach 2 agencies and plans to cooperate with other agencies within the watershed to implement the Implementation Plan.</li><li>▪ The City supports and plans to contribute to the development of Special Studies in order to further understand the watershed and how storm water affects the water quality of the Los Angeles River and its tributaries.</li></ul> |
| <ul style="list-style-type: none"><li>▪ The City will continue to work with other agencies in the watershed on Coordinated Monitoring Plans, TMDL Implementation Plans and multi-agency BMP efforts for all future TMDLs.</li></ul>  |  |

# City of Monterey Park



Through its ongoing outreach and municipal programs, the City strives to educate businesses, residents, and City employees in stormwater pollution prevention.

The City has extended its efforts in partnering with other city programs, as well other entities in promoting the stormwater pollution prevention message. During this reporting period, the city worked with its environmental commission to host its 3rd annual Earth Day Festival on April 21. Again, the event kicked off with a bike ride in the morning to promote reducing carbon footprint and other pollution. Various environmental programs, including the city's stormwater and used oil and groups were invited to provide education/information to residents who participated in the event.



The used oil program hosted its first filter exchange event in June in an effort to encourage filter recycling from local Do-It-Yourselfers. The program partnered with one of the city's recycling center to host this half day event. DIYers brought their old filters in exchange of a new one. During the process, residents were educated on the city's stormwater program and the importance of properly dispose of hazardous waste, such as used oil and filters.



During this reporting period, city employees were educated/trained on the stormwater program requirements.

**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**





# City of Pasadena

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• The City is striving to become a model for environmental excellence and a prevailing force in environmental protection. To accomplish these goals, the City has established policies that will incorporate environmental responsibility into its daily management of urban and industrial growth, education, energy and water use, air quality, transportation, waste reduction, economic development, and open space and natural habitats. The City has taken a number of significant actions to become a green city. Recent examples include:<ul style="list-style-type: none"><li>• Adoption of an Environmental Charter</li><li>• Endorsement of the United Nations Green Cities Declaration and Urban Environmental Accords</li><li>• Endorsement of the US Conference of Mayors Climate Protection Agreement</li><li>• Adoption of a Green City Action Plan</li><li>• Adoption of ordinance creating an Environmental Advisory Commission</li><li>• Adoption of a Green Building Program</li><li>• Adoption of a resolution in support of Green Cities California</li></ul></li></ul> | <ul style="list-style-type: none"><li>• The City has launched a Green City program, a colorful, dynamic and fast paced, web based Green Training program which was created to inspire, motivate, and educate city employees, residents, business owners, students, and other communities on the city's Green City Action Plan and how each of one can play a part in improving the environment. The program presents facts, helpful tips and the chance to pledge one's commitment to create a healthy, safe, and clean environment.</li><li>• Plastic Bag Ban_ The plastic bag ban went into effect for large grocery stores and food marts on July 1, 2012. These are grocery stores or food marts with at least 10,000 square feet of retail space and stores less than 10,000 square feet that have a pharmacy.<p>On December 31, 2012, the ban will take effect for smaller grocery stores and food marts, liquor stores, convenience stores, farmers markets, drug stores, pharmacies and vendors at City sponsored events, facilities, or on City property. Stores are required to provide reusable bags to customers for sale or at no charge.</p></li></ul> |
| <ul style="list-style-type: none"><li>• Approved by the City Council, the Green City Action Plan is a progressive list of environmental initiatives for the City to take in its quest to become a sustainable and green community and follows the framework of the United Nations Green Cities Declaration and Urban Environmental Accords. The initiatives contained in the plan include developing a green fleet of city vehicles, using only environmentally friendly cleaning products in City buildings, and buying "green" goods where possible.</li><li>• Effective July 4, 2009, specific instances of wasting water are <i>permanently prohibited, whether or not a water shortage exists.</i><p><a href="http://ww2.cityofpasadena.net/waterandpower/watershortage/#" water_shortage_level"="">http://ww2.cityofpasadena.net/waterandpower/watershortage/#"Water_Shortage_Level"</a></p><p><i>The following is a summary of a few key components in the Water Shortage Procedures Ordinance which can help reduce urban runoff.</i></p></li></ul>   |  |



## The Los Angeles River Watershed Management Committee

### Annual Assessment 2011-2012

<ul style="list-style-type: none"> <li>• No watering outdoors between 9 a.m. and 6 p.m., except with a hand-held container or hose with a shut-off nozzle, or for very short periods when adjusting a sprinkler system;</li> <li>• No watering during periods of rain</li> <li>• No excessive water flow or runoff onto pavement, gutters or ditches from watering or irrigating landscapes or vegetation of any kind;</li> <li>• No washing down paved surfaces unless for safety or sanitation, in which case a bucket, a hose with a shut-off nozzle, a cleaning machine that recycles water or a low-volume/high-pressure water broom must be used;</li> </ul>	<ul style="list-style-type: none"> <li>• All property owners must fix leaks, breaks or malfunctions when they find them, or within seven days of receiving a notice from PWP;</li> <li>• Fountains and water features must have a re-circulating water system;</li> <li>• Vehicles must be washed with a hand-held bucket and/or hose equipped with a water shut-off nozzle (does not apply to commercial car washes);</li> <li>• No installation of non-recirculating water systems at new commercial car washes and laundry systems. Effective July 1, 2010, all commercial car washes must have a re-circulating water system or secure a city waiver.</li> <li>• No installation of "single pass cooling systems" in buildings requesting new water service.</li> </ul>
<ul style="list-style-type: none"> <li>• LA River Metals TMDLs- As a member of the Technical Committee (TC), City has been an active participant attending all the meetings. This Committee has completed the development of the CMP and met the submittal deadline. A MOA was circulated and approved by the participating agencies to jointly fund the monitoring that began in October 2008. The City of Pasadena has been a persistent advocator for developing the required LA River Metals TMDL Implementation Plan (CMP). The Implementation Plan was developed and submitted to the RWQCB.</li> </ul>	
<ul style="list-style-type: none"> <li>• Community Rain Garden- Project-The Pasadena Public Works Department collaborated with the Pasadena Water &amp; Power to design and construct a "Community Rain Garden" in downtown Pasadena at the southeast corner of Union St. and Catalina Avenue. The goal was to beautify the site for the daily use and enjoyment of city residents, workers and visitors. The project was designed to promote water conservation with natural stone basins to retain water for plant growth in the winter; decomposed granite pathways for water percolation; native and drought-tolerant plant material with natural wood mulch; use of drip irrigation &amp; solar irrigation controller; solar pathway lighting; and site furnishings including decorative benches, trash receptacles, and a picnic table, and a colorful public art piece. The project was built by City staff and contractors, and community volunteers at a City-sponsored Community Workshop</li> </ul> <div style="display: flex; justify-content: space-around; align-items: flex-end;">   </div>	

## The Los Angeles River Watershed Management Committee Annual Assessment 2011-2012

- Pervious Pavement Parking- The new Pasadena Water & Power building at the City yards included the construction of an estimated 30,000 square feet of pervious concrete pavement throughout the parking lot to allow for storm water infiltration.



- Infiltration Project- The City has been incorporating BMPs into the capital improvement projects when feasible and to comply with the SUSMP requirements. One example is the BMP that was installed at the Robinson Park Expansion project, where an approximately 350-foot long infiltration trench with clean stone and perforated pipe was constructed.



- SUSMP Example- A commercial development with a seepage pit filled with gravel that overflows into the gutter. The concrete squares are cast around a grid of steel cables that connect them. The cables between the blocks are covered with gravel.



- Trash TMDLs- The City has been moving forward to comply with the Trash TMDL. As the result, the City proactively has been involved in developing the Trash TMDL Implementation Plan and the strategy or methodology selection process. The plan was approved as indicated in the letter received by the City. With the Full Capture Certification from the Regional Board, the City has purchased the materials needed in order to proceed with the implementation of the proposed Plan. Total of 376 Catch Basin inserts and approximately 502 feet of curb screens have been installed to comply with the deadlines. Since these devices were installed prior to rainy season, they have demonstrated to be very effective in capturing trash. This efficiency was more apparent since the City had to elevate its maintenance program with an increase in its catch basin cleaning frequency. Additional inserts may be installed in the City's catch basins during 2012.

**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**



- To discourage further urbanization and development in the hillside area and to prevent potential erosion and sediment, the City has implemented a very strict program for all hillside projects. The SUSMP requirements of the NPDES Permit for the hillside area were modified to include lower thresholds and therefore, the developers of such projects have been encountering a more difficult SUSMP process to obtain Permits or approvals from the City.
- The City Health Department conducts an extensive Restaurant Inspection Program by visiting each restaurant twice per year. This is over and beyond the one inspection every thirty months requirement of the NPDES program. This aggressive inspection program acts as an interactive relationship which is very effective in assisting the business community understanding the importance of the NPDES program. The business community appreciates obtaining information and answers to their questions while the BMP brochures and handouts are distributed at the time of the inspections.
- The City catch basins are temporarily blocked during events, such as the Rose Parade, where there is an elevated risk of excessive trash entering the storm drains. The City operates under aggressive street sweeping and catch basin cleaning programs.
- The City's Department of Public Works staff has been involved with the business community through the Chamber of Commerce or the downtown Committees. In addition, developers and contractors obtaining Building Permits for projects concerning the City's Storm Water program are assisted and provided information at the Permitting Department.
- The City has established a separate Hotline for reporting illicit discharge. The number is 626-744-STRM.

**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2011-2012**

# City of San Marino



The City of San Marino believes that it is imperative to maintain a healthy environment and implement programs that promote protecting recreation and aquatic life in the Los Angeles River Watershed. The City is dedicated to complying with storm water mandates and has implemented numerous compliance activities to fulfill Total Maximum Daily Loads (TMDLs). San Marino continues to place storm water quality near the top of its list of environmental priorities.

The City of San Marino has taken the following actions with respect to its NPDES compliance during FY 2011 / 2012:

- To ensure that trash and litter do not enter the storm drain system, the City continues an aggressive street sweeping program that includes:
  - All media islands and parking lots are swept three times per week.
  - All residential streets are swept weekly between November and April, and every-other week between May and October.
  - All street sweeping equipment uses alternative fuel in compliance with SCAQND Rule 11861.2
  - All materials collected by the sweepers are disposed of at permitted landfills or recycling facilities.
- The City's Planning Department ensures that all new development and redevelopment / rehab projects in the City meet the requirements of the current NPDES permit. In addition the City's Building Inspectors and Code Enforcement staff are trained to identify and prevent illicit connections and illegal discharges to the MS4.
- Partnered with the County of Los Angeles for the Used Oil Recycling Program to help educate and encourage residents to recycle their used motor oil. The City hosts a local private business as a Certified Used Oil Collection Center that accepts used motor oil from the public.
- Contracts with its trash hauler to hold special pickups for hazardous wastes, electronic equipment and large household items.
- Provides its residents with unlimited green waste pickup each week.
- The City responds to any sewage spills within 30 minutes of notification, and blocks any nearby storm drains to prevent contamination, until the spill is completely cleaned up.
- The City of San Marino contracts with Los Angeles County for the annual cleaning of its 161 City-owned catch basins.
- San Marino sits on the Technical Committee for the LA River Reach 2 Metals TMDL implementation plan.
- The City provides educational education articles in the Green Corner of the City of San Marino's monthly community newsletter. Recent articles included encouraging the use of less toxic cleaning options to help reduce the possibility of toxic water entering the local storm drains, and information about upcoming special waste collections and cleanup events.
- Hosted a Pollution Prevention education booth at the City's Fire and Police Department Open House in November 2011.
- The City has begun to install automatic retracting screens (ARS devises) and connector pipe screens (CPS) on its storm water catch basins. This project will continue in FY 12 - 13.





**The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012**



# City of Signal Hill

Signal Hill has again participated in the annual joint-venture environmental calendar project to produce wall calendars that include stormwater BMPs, environmental message and used oil/HHW recycling centers. 500 copies of calendars were distributed to local residents and businesses via the POP outreach, display at the city hall/library and mailers. Schools were also visited to provide calendars to the teachers.



Signal Hill is continuing its bi-monthly Ally clean-up program

- Continues its Willow-Cherry Ave corridor clean-up program
- Provide free curbside pickup of used motor oil
- Continues requiring Low Impact Development practices for New Priority Development projects

In light of the impact of "first flush" to stormwater pollution, an awareness message was developed in an insert format via utility bill and sent out to 3000 accounts. The bi-lingual (English/Spanish) insert has tips on how to prevent such pollution, as well as used oil and HHW recycling centers.

**A healthy planet is vital for every living thing. Let's keep it clean!**  
*Bring it Back*

The first big rain of the year is just around the corner! The runoff from it picks up everything on the ground and washes it out to the nearest storm drain. This "flush" of water can not only cause flooding, but also pollute the waterbody that receives it and harm everything that lives in or depends on that water for survival.

We are asking for your help to prevent oil and wastewater pollution by:

- Picking up animal droppings and discarding them in the trash.
- Flushing any leaks on your car.
- Covering your trash cans & keeping chemicals, lubricants, and equipment covered to avoid polluting runoff.
- Recycling hazardous waste, including used oil and filters at local events. Check [www.888signal.com](http://www.888signal.com) for events near you.
- Clearing your yard, roof & yard drains as well as gutters of leaves and debris. Remember to recycle green waste!
- Referring to your owner's manual to determine how often to change your motor oil, as most cars do not require oil changes every 3,000 miles.
- Recycle your motor oil and filters at any of the city's used oil collection centers.

**Signal Hill Used Oil and Stormwater Programs**  
Boulevard Automotive Group  
2850 Cherry Avenue  
(562) 492-1000  
City of Signal Hill City Maintenance Yard  
2175 E. 28th St.  
(562) 989-7355  
Glenn E. Thomas Dodge  
2100 E. Spring St.  
(562) 426-5111

Do not mix used oil with any other substances to prevent contamination. Effect oil in advance for treatment and hours of operation.

*Printed partially by CalRecycle*

**Un planeta sano es vital para todo ser viviente. Ay que mantenerlo limpio!**  
*Traigalo de vuelta*

La primera lluvia grande del año está a la vuelta de la esquina! La lluvia recoge todo lo que está en el suelo y la lleva hacia la alcantarilla de agua pluvial mas cercana. Esta "descarga" de agua no sólo puede causar inundaciones, pero también contaminan al océano y también daña a todo lo que vive y depende del mar.

Le pedimos su ayuda para prevenir el aceite y la contaminación de aguas pluviales haciendo lo siguiente:

- Recicla los excrementos de animales y desechos a la basura.
- Repare las fugas de su coche.
- Cubra sus botes de basura y productos químicos de mantenimiento, lubricantes, y otros materiales para evitar la contaminación.
- Recicle desechos peligrosos, incluyendo el aceite y los filtros usados en eventos locales. Visite la página [www.888signal.com](http://www.888signal.com) para eventos cerca de usted.
- Recicla la basura y hojas de su patio, desagues de su techo y jardín. Recuerde de reciclar los residuos verdes.
- Refiérase a su manual del carro para determinar la frecuencia del cambio de aceite del motor, ya que la mayoría de los autos nuevos no se requieren cambios de aceite cada 3,000 millas.
- Recicle el aceite de motor y los filtros usados en cualquiera de los centros de reciclaje de la ciudad.

**Signal Hill Used Oil and Stormwater Programs**  
Boulevard Automotive Group  
2850 Cherry Avenue  
(562) 492-1000  
City of Signal Hill City Maintenance Yard  
2175 E. 28th St.  
(562) 989-7355  
Glenn E. Thomas Dodge  
2100 E. Spring St.  
(562) 426-5111

No mezcle el aceite usado con cualquier otro producto, para evitar la contaminación. Lleve el aceite con anticipación para su tratamiento y horas de operación.

*Printed partially by CalRecycle*

The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012

# City of South Gate



The City of South Gate persists in its effort to inform its citizens about issues related to stormwater pollution prevention. Through a variety of programs, the City has been successful in reaching businesses, residents, and the general public.

The Annual Earth Day and Cleanup Event is among one of the many programs the city conducted to mobilize local community in participating in the city's environmental program. This annual event was well supportive by the city council, staff and local businesses. Volunteers also participated in tree planting in the city's newly renovated park.



In addition to participating/hosting events to spread the program message, the city constantly publishes news articles, as well as pollution prevention tips residents can follow in city newspaper and as utility bill inserts.

## Do you still change motor oil every 3,000 miles?!

A recent survey by CalRecycle indicates that almost 15 million Californians change their motor oil every 3,000 miles or less, using more than 150 million gallons of motor oil each year - enough oil to fill 255 Olympic size swimming pools. The truth is the 3,000 miles baseline does not apply to many cars on the road today and in fact, automakers now recommend oil changes at 5,000, 7,000 or even 10,000 miles for newer models. Many drivers are mistakenly defaulting to this interval based on an outdated standard, so education is needed to build awareness that new guidelines now exist as a result of improved automotive technology.

You can also **Check Your Number** by reviewing your owner's manual. Visit [checkyournumber.org](http://checkyournumber.org) for information.

### Recycle your used motor oil & filters! Find a recycling center near you:

<b>AutoZone</b> 8215 Long Beach Blvd (562) 581-4795	<b>Nacho Automotive Repair</b> 4200 Southern Avenue (310) 569-8379
<b>AutoZone</b> 4060 Firestone Blvd (562) 567-4430	<b>Bentler's Auto Parts</b> 5523 Long Beach Blvd (562) 564-0009
<b>O'Reilly Auto Parts</b> 9775 S. Cota St (562) 546-1333	

\*Please call in advance for quantities accepted and hours of operation.

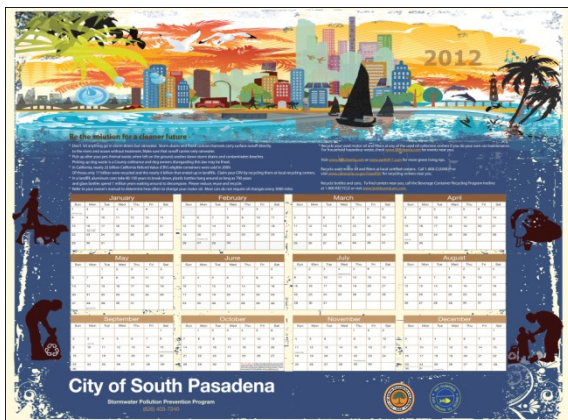
**South Gate Stormwater & Used Oil Programs**  
(310) 357-9657  
[www.southgate.org](http://www.southgate.org)

The Los Angeles River Watershed Management Committee  
Annual Assessment 2011-2012



# City of South Pasadena

South Pasadena participated in the annual joint-venture environmental calendar project to produce wall calendars that include stormwater BMPs, environmental message. 500 copies of calendars were distributed to local residents and businesses via the POP outreach, display at the city hall/library and mailers. Schools were also visited to provide calendars to the teachers.



In addition to outreach previously accomplished, the city continues its effort in making various materials available for local schools and residents upon their request.



The City of South Pasadena continues their trash and litter reduction efforts. This ongoing studies have shown that the city has achieved a 3 year reduction of over 90%.

The attached photo shows trash sorting and classification at the city yard.





# City of Temple City



City of Temple City  
Environmental Programs  
(626) 285-2171



## **Earth Day 2012** *Our future starts with you!*



Tempe City has continued its effort in providing stormwater outreach to local teachers and students by sending out a mailer along with samples of educational materials to schools.

In addition, environmental calendars with tips and stormwater information were also provided to local schools as an educational material.

The used oil program hosted its 3rd annual filter exchange event in June in an effort to encourage filter recycling from local Do-It-Yourselfers. The program partnered with PepBoys to host this half day event. DIYers brought their old filters and used oil and received an oil container. During the process, residents were educated on the city's stormwater program and the importance of properly dispose of hazardous waste, such as used oil and filters.





**The Los Angeles River Watershed Management Committee  
Annual Assessment 2010-2011**

# City of Vernon



The exclusively industrial City of Vernon continues to strongly support its commitment to protect the environment and promote sustainability. 2011-2012 has been an exemplary year to confirm the level of commitment that Vernon has towards helping the local community and towards protecting our natural resources.

## **Business Assistance and Community Outreach**

**Outreach on Regulations:** In the absence of a State Water Board Sponsored local informational workshop regarding their proposed General Industrial Activity Stormwater Permit (GIASP), the Vernon HECD is coordinating to provide Vernon businesses a pollution prevention workshop that will review the technical language and potential impacts of the proposed GIASP. Because there are over 150 GIASP covered facilities and over 500 regularly inspected (under the Commercial/Industrial Facilities Control Program) facilities that occupy the five square mile City of Vernon, HECD staff understand the importance of explaining to businesses what to expect from upcoming environmental regulations. This outreach effort is in addition to the City's participation in L.A. County's Public Information Public Participation Program.

**Stormwater Compliance Assistance:** The City of Vernon continues to provide one-on-one stormwater permit consultations for General Industrial Activity Stormwater Permit holders. HECD inspectors conduct a walkthrough of the facility and discuss stormwater concerns and potential improvements to the facility's stormwater pollution prevention plan. This business assistance service has been increasingly popular as most local businesses turn to the City of Vernon for guidance in complying with their General Industrial Activity Stormwater Permit.

## **Public Agency Activities**

Key staff of the Vernon HECD conducted the annual stormwater training for target employees of the Vernon CSWD.

HECD's Vector Control Program no longer uses pesticides to control vectors or nuisance pests. This decision was made to eliminate any negative impacts to the environment from City pesticide application activities. The City has initiated a new policy that utilizes Integrated Pest Management (IPM) techniques to remedy all vector control and nuisance pest issues. IPM is a pest management strategy that focuses on long-term prevention or suppression of pest problems through a combination of techniques such as monitoring for pest presence, using non-chemical practices to make the habitat less conducive to pest development, improving sanitation, and employing mechanical and physical controls.

**Catch Basin Improvement:** The Vernon CSWD completed the installation of Connector Pipe Screens and Automatic Retractable Screens in approximately 90% of the City-owned and County-owned stormwater catch basins within the City of Vernon that were mapped. The City of Vernon is well ahead of schedule (70%) in meeting the trash removal compliance timeline for the Los Angeles River Trash Total Maximum Daily Load.

## The Los Angeles River Watershed Management Committee Annual Assessment 2010-2011



**Enhanced Catch Basin Cleaning:** City owned catch basins are cleaned twice per year, once during the dry weather season and once prior to the wet weather season.

**Enhanced Street Sweeping:** In order to control the amount of trash that enters the MS4 system, the City contracts with a private contractor to sweep all City streets on a weekly basis. All street sweeping equipment uses alternative fuel in compliance with SCAQMD Rule 11861.2. All materials collected by the sweepers are disposed of at permitted landfills or recycling facilities.

In further effort to control the amount of trash that enters the MS4 system, the Los Angeles River Trash TMDL also requires the City of Vernon to install and maintain trash receptacles in all transit stops within the jurisdiction. Trash receptacles were installed in all transit stops within the jurisdiction in past years. Maintenance of the trash receptacles includes disposal of all trash in receptacles monthly in addition to disposal of all trash in receptacles located in high traffic transit stops on a weekly-basis.

**E-Waste Collection:** The HECD hosted another electronic/universal waste collection event. This event continues to be a highly popular public service among Vernon businesses. Based on the number of businesses that participate and the quantity of e-waste collected, this is a highly successful campaign to prevent e-waste and universal waste from being deposited to our landfills.



**Stormwater Drain Identification:** The City of Vernon continues to supplement its existing storm drain stencil loan program by offering a stainless steel storm drain marker installation service. Both the stainless steel markers and the installation are free of charge to Vernon businesses. This complimentary service is a long term alternative to the traditional stenciling of the popular “No Dumping, Drains to Ocean” warning to storm drain catch basins which typically require re-stenciling yearly.

**Sustainability Action Plan:** The HECD has completed, and Vernon City Council has approved, the nation’s first municipal Sustainability Action Plan (SAP). The SAP is intended to be a living document that will guide the City in developing and maintaining its sustainable infrastructure and minimizing its carbon footprint.

**Recycling Market Development:** The City of Vernon is a member of the Los Angeles County Recycling Market Development Zone (RMDZ) Program. The RMDZ Program combines recycling with economic development to fuel new businesses, expand existing ones, create jobs, and divert waste from landfills.

**The Los Angeles River Watershed Management Committee**  
**Annual Assessment 2010-2011**

<p><b><u>Bacteria TMDL</u></b></p> <p>The Los Angeles River Watershed Bacteria TMDL (LAR Bacteria TMDL) was effective as of March 2012. The main stem of the river was broken down into segments for allocations based on the availability of flow data. As such, the City of Vernon is part of Segment B/Reach 2. CSWD staff participated in the LAR Watershed Bacteria TMDL Technical Committee meetings. Segment B/Reach 2 agencies are required to submit a coordinated monitoring plan by March 2013</p>	<p><b><u>Metals TMDL</u></b></p> <p>The City continues to take an active role in the Los Angeles River Metals TMDL Reach 2 Coordinated Implementation Plan Technical Committee.</p>
<p><b><u>Community Outreach</u></b></p> <p>The City of Vernon HECD sponsors the Sustainable Development and Energy Efficiency Commission. The purpose of the commission is to facilitate dialogue and understanding between Vernon businesses, environmental justice groups, labor groups, the City of Vernon, and other environmental regulators towards our mutual goal of a sustainable future.</p> <p>The City of Vernon continues to promote its Used Oil Recycling Program. The local school staff, students, and teachers play a key role in the success of the program. The program is supported and sponsored by many Vernon businesses in addition to Cal Recycle.</p>	
<p><b><u>Industrial/Commercial Facilities Control Program</u></b></p> <p>The City continues to inspect industrial/commercial facilities annually, which exceeds the Municipal Stormwater Permit requirement of two inspections during the 5 year permit period. The HECD has effectively integrated stormwater inspections with the inspections required under HECD-issued permits involving hazardous materials, garment manufacturing, and food processing/storage/retail facilities; as well as inspections related to solid waste, cross connections and building occupancies. As a result of Vernon's zoning established as entirely industrial, nearly all facilities (regardless of Standard Industrial Classification) are inspected for stormwater compliance during inspections related to the HECD-issued permits. The City of Vernon maintains a close collaboration with the Los Angeles Regional Water Quality Control Board Compliance and Enforcement Department to compliment an effective Industrial/Commercial Facilities Control Program.</p>	<p><b><u>Emergency Spill Response</u></b></p> <p>Vernon HECD's newer policy/procedure that ensures an Environmental Health Specialist is on duty during non-business hours to respond to any hazardous/non-hazardous/sewage spills (in addition to other public health emergencies) has proved to be very effective. Environmental Health Specialists provide technical and enforcement authority support to the City's primary emergency responders. This policy satisfies local spill notification requirements and helps the City of Vernon appropriately manage spills and minimize any potential negative impacts to the public and the environment.</p> <p>The City of Vernon Fire Department maintains an ISO Class 1 rating with an average response time of less than 3 minutes. During emergency responses involving spills, maintaining this level of preparedness helps facilitate more effective spill containment and prevention of pollutants from entering the Los Angeles River.</p>
<p><b><u>Development Construction Program</u></b></p> <p>The Director of CSWD joined key staff of the Vernon HECD in obtaining a QSD/P certification from the State Water Resources Control Board. This certification raises the expertise and flexibility of our staff in terms of managing Vernon's Stormwater Management Program.</p>	

### III. Permittees Combined Efforts

In addition to the county-wide campaigns being coordinated by the county, several cities participated in multi-city efforts independent of the County.

## Annual Calendar Project

Five LA River Watershed permittees (**Arcadia, South Gate, Signal Hill, South El Monte, South Pasadena** and **Temple City**) participated in this ongoing joint-venture project to better promote cities' effort in stormwater pollution prevention. This joint venture, cost effective project started eleven years ago and has been very popular ever since. Not only is this a constant reminder to residents regarding the pollution prevention message, but, local recycling center information is featured in the calendar each year which gives residents easy access to updated information for their local recycling venues.



***NOTE:*** City comments were submitted by the cities and were not reviewed or modified for content by the Watershed Management Committee.



#### **IV. Identification of Effective/Ineffective BMPs**

Los Angeles River Watershed permittees continue to implement BMPs as required by the SQMP. While no independent analysis of the effectiveness of individual BMPs has been conducted by the WMC, BMPs that are considered to be effective include:

- Street sweeping;
- Catch basin cleaning;
- Catch basin inserts and end-of pipe controls;
- Infiltration controls;
- Erosion controls; and
- Public education and outreach

The Watershed has not obtained information that would lead us to conclude that the programs being implemented are not producing the desired results. Managing stormwater is key in maintaining the security and quality of our water resources. Controlling stormwater by both its quality and quantity entails minimizing interferences with its natural flow. By proper design, regulation, and proper implementation of BMPs, the impact of urbanization and pollution on local watersheds can be considerably reduced to continue to improve water quality.